

FORM PTO-1449 (modified)  
 To: U.S. Department of Commerce  
 (PW FORM PAT-1449)  
 Patent and Trademark Office

Atty. M# Client Ref.

008312-0308392 T4KN-03S1001-1

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**



Date: December 21, 2005

Page 1 of 1

Applicant: Washiyama, Tooru

Appln. No.: 10/781,933

Filing Date: February 20, 2004

Examiner: Unassigned Group Art Unit: 2655

**U.S. PATENT DOCUMENTS**

| Examiner's Initials* | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (if appropriate) |
|----------------------|-----------------|--------------|--------------------------------------|-------|-----------|------------------------------|
| AR                   |                 |              |                                      |       |           |                              |
| BR                   |                 |              |                                      |       |           |                              |
| CR                   |                 |              |                                      |       |           |                              |
| DR                   |                 |              |                                      |       |           |                              |
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| GR                   |                 |              |                                      |       |           |                              |
| HR                   |                 |              |                                      |       |           |                              |
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| KR                   |                 |              |                                      |       |           |                              |
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| MR                   |                 |              |                                      |       |           |                              |
| NR                   |                 |              |                                      |       |           |                              |

**FOREIGN PATENT DOCUMENTS**

English Abstract Translation Readily Available

Enclosed No Enclose No

|   |    | Document Number | Date MM/YYYY | Country | Inventor Name  |  |   |  |
|---|----|-----------------|--------------|---------|----------------|--|---|--|
| G | OR | JP 2002-150589  | 05/2002      | Japan   | Minami         |  | x |  |
|   | PR | JP 2002-197708  | 07/2002      | Japan   | Arikawa et al. |  | x |  |
|   | QR | JP 2002-015456  | 01/2002      | Japan   | Konuma et al.  |  | x |  |
| R | RR | JP 62-003434    | 01/1987      | Japan   | Ishida         |  | x |  |
|   | SR | JP 08-287501    | 11/1996      | Japan   | Hoshi et al.   |  | x |  |
|   | TR |                 |              |         |                |  |   |  |
|   | UR |                 |              |         |                |  |   |  |
|   | VR |                 |              |         |                |  |   |  |
|   | WR |                 |              |         |                |  |   |  |
|   | XR |                 |              |         |                |  |   |  |

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

YR Japanese Office Action dated November 29, 2005 for Appln. No. 2003-044522

ZR

AAR

BBR

Examiner *Parker*

Date Considered: *12/13/06*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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|-------------------|----------------|----------------|
| Atty.<br>Dkt. No. | M#             | Client Ref.    |
|                   | 008312-0308392 | T4KN-03S1001-1 |

|                                |                      |
|--------------------------------|----------------------|
| Applicant: WASHIYAMA           |                      |
| Appln. No.: 10/781,933         |                      |
| Filing Date: February 20, 2004 |                      |
| Examiner: Unassigned           | Group Art Unit: 2655 |

Date: April 28, 2005

Page **1** of **1**

**U.S. PATENT DOCUMENTS**

| Examiner's Initials* | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (if appropriate) |
|----------------------|-----------------|--------------|--------------------------------------|-------|-----------|------------------------------|
| AR                   |                 |              |                                      |       |           |                              |
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| LR                   |                 |              |                                      |       |           |                              |
| MR                   |                 |              |                                      |       |           |                              |
| NR                   |                 |              |                                      |       |           |                              |

**FOREIGN PATENT DOCUMENTS**

|    | Document Number | Date MM/YYYY | Country | Inventor Name   | English Abstract |    | Translation Readily Available |    |
|----|-----------------|--------------|---------|-----------------|------------------|----|-------------------------------|----|
|    |                 |              |         |                 | Enclosed         | No | Enclose                       | No |
| OR | CN 1469357 A    | 01/2004      | China   | KUBOTA, Hiroshi | x                |    |                               |    |
| PR |                 |              |         |                 |                  |    |                               |    |
| QR |                 |              |         |                 |                  |    |                               |    |
| RR |                 |              |         |                 |                  |    |                               |    |
| SR |                 |              |         |                 |                  |    |                               |    |
| TR |                 |              |         |                 |                  |    |                               |    |
| UR |                 |              |         |                 |                  |    |                               |    |
| VR |                 |              |         |                 |                  |    |                               |    |
| WR |                 |              |         |                 |                  |    |                               |    |
| XR |                 |              |         |                 |                  |    |                               |    |

**OTHER (including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

|     |  |
|-----|--|
| YR  | Chinese Office Action dated March 11, 2005 for Appln. No. 200410005839.0 |
| ZR  |  |
| AAR |  |
| BBR |  |
| CCR |  |
| DDR |  |

Examiner *PS*

Date Considered: *12/13/05*

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|--|---|------------------------|-----------------|
| Substitute for form 1449A/PTO                            |   | Complete if Known      |                 |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   | Application Number     | UNKNOWN         |
|  |   | Filing Date            | 02/20/2004      |
|  |   | First Named Inventor   | TOORU WASHIYAMA |
|  |   | Art Unit               | UNKNOWN         |
|  |   | Examiner Name          | UNKNOWN         |
|  |   | Attorney Docket Number | 008312-0308392  |
| (Use as many sheets as necessary)                        |   |                        |                 |
| Sheet  | 1 | of                     |                 |

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS  |                       |  |                                |  |   |
|---|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*  | Cite No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |
|   |                       | Country Code <sup>3</sup> -Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |
|  | 1                     | JP 2002-150599   | 05/24/2002                     | FUJINOKI et al.                                    | Abstract  |
|   |                       |  |                                |  |   |
|   |                       |  |                                |  |   |
|   |                       |  |                                |  |   |
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